

## INTRODUCTION

The 1984 annual meeting of the Biomedical Engineering Society was held in St. Louis, Missouri on April 2-5, in conjunction with the 68th Annual Meeting of the Federation of American Societies for Experimental Biology. There were five technical sessions plus a number of poster sessions. The main theme of the symposium was Biological Control Systems, including regulation of blood pressure, blood flow, stability and control of the musculo-skeletal system. The ALZA Lecture was presented by Dr. Lawrence Young of MIT on the topic of Biomedical Engineering in Space. The symposium organizer was Dr. Rena Bizios of Rensselaer Polytechnic Institute.

The topics of the five sessions together with the session chairmen are listed as follows:

- I. System Analysis in Bio Control—Dr. R.J. Roy
- II. Quantitation of Renal Blood Flow and Its Distribution—Dr. F.G. Knox
- III. Autoregulation of Cerebral Blood Flow—Dr. H.A. Kontos
- IV. Stability and Control of Musculo-Skeletal Systems—Dr. Robert W. Mann
- V. New Concepts in Blood Pressure Regulation—Dr. Thomas G. Coleman and Dr. Kiichi Sagawa

The Annals is pleased to publish the manuscripts that were submitted for this symposium. Several of the manuscripts are not available for publication and two of the session chairmen (IV & V) chose not to publish their manuscripts, as the sessions were originally organized for the main purpose of discussion and information exchange. All of the manuscripts have been reviewed and judged by their session chairmen to be worthy of publication.

Hun H. Sun  
*Editor-in-chief*